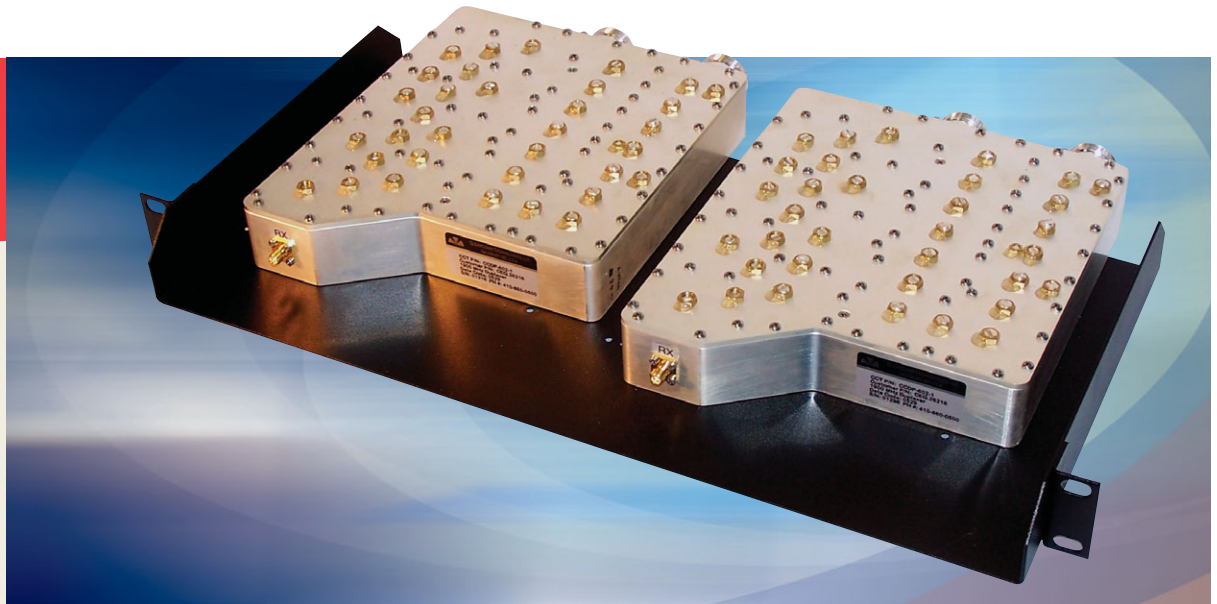


**PRODUCT  
SPECIFICATION**



Designed with high power handling capability and excellent IMD performance for GSM and UMTS applications

## PCS1900 Full Band Duplexer Shelf

For Antenna Sharing Applications

**T**he CCDP-602-1-S2 is a 19" rack mountable shelf that includes two full band PCS 1900 MHz duplexers. These duplexers provide excellent power handling capability and Tx/Rx isolation and low insertion loss.

The duplexer shelf provides duplexing or un-duplexing of two independent RF paths (typically main and diversity within a common sector). The duplexers are precision machined and mounted to a 19" rack mountable shelf for ease of installation in an indoor or weather-protected environment.

**Key features:**

- Ease of installation
- Handles up to 300W of Tx power
- High Tx/Rx isolation
- Excellent IMD performance
- Low insertion loss

# PCS1900 Full Band Duplexer Shelf

## ELECTRICAL

Dual Operating Passbands:	1850-1910 MHz (Receive) and 1930-1990 MHz (Transmit)
RX Passband Insertion Loss:	0.8 dB typical
TX Passband Insertion Loss:	0.8 dB typical
Passband return loss (all ports):	18 dB minimum
Isolation, Transmit to Receive:	80 dB minimum
Maximum average power:	300 W
Peak Instantaneous Power:	3000 W
IMD (2 x +43 dBm)	-160 dBc

## ENVIRONMENTAL

Operating Temperature:	-25°C to +65°C
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## MECHANICAL

TX Port:	7-16 DIN female
RX Port:	SMA female
ANT Port:	7-16 DIN female
Size:	19" x 11" x 3.5" (483mm x 279mm x 89mm)
Weight:	13 lbs (5.9 kg)

### Ordering Information: SPECIFY MODEL NUMBER TO ORDER TMA WITH ACCESSORIES AS SHOWN

Model: CCDP-602-1-S2      Description: RX Passband 1850-1910 MHz    TX Passband 1930-1990 MHz



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